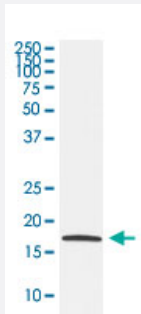


CLDN4 monoclonal antibody, clone ADEB-3

Catalog # MAB22292 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human CLDN4.
Immunogen	A synthetic peptide corresponding to human CLDN4.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human CLDN4, in native form and recombinant. Superfamily members of CLDN4 are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.

- Immunoprecipitation

Gene Info — CLDN4

Entrez GeneID[1364](#)**Protein Accession#**[O14493](#)**Gene Name**

CLDN4

Gene Alias

CPE-R, CPER, CPETR, CPETR1, WBSCR8, hCPE-R

Gene Description

claudin 4

Omim ID[602909](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes an integral membrane protein, which belongs to the claudin family. The protein is a component of tight junction strands and may play a role in internal organ development and function during pre- and postnatal life. This gene is deleted in Williams-Beuren syndrome, a neurodevelopmental disorder affecting multiple systems. [provided by RefSeq]

Other Designations

Clostridium perfringens enterotoxin receptor 1|Williams-Beuren syndrome chromosomal region 8 protein

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

- [Leukocyte transendothelial migration](#)

- [Tight junction](#)